

**WASHINGTON STATE DEPARTMENT OF HEALTH  
OFFICE OF FOOD SAFETY AND SHELLFISH PROGRAMS**

**ANNUAL GROWING AREA REVIEW**

**PREPARED BY:** Donald Melvin, Environmental Specialist

**AREA:** Shoal Bay

**YEAR ENDING:** December 31, 2005

**CLASSIFICATION:** Approved, Prohibited

**ACTIVITIES IN THE GROWING AREA IN 2005:**

Samples were collected from each station in the growing area 6 times during the year using the systematic random sampling method. A circulation study was conducted in the area in 2005 as part of an on-going evaluation for a proposed marina expansion.

**ANALYTICAL RESULTS OF WATER SAMPLES:**

Table #1 summarizes the results of all samples collected from the area. This summary shows that all stations in the area pass the NSSP water quality standard.

**CHANGE IN ACTUAL POLLUTION SOURCES THAT IMPACT THE GROWING AREA:**

We currently have no information indicating that the area has new sources of pollution.

**CLASSIFICATION STATUS:**

- ☒ Well within the classification standards
- ☐ Meets standards but some concerns
- ☐ Meets standards but threatened with a downgrade in classification
- ☐ Fails to meet classification standards

**REMARKS AND RECOMMENDATIONS:**

Table #1 shows that all stations meet the NSSP water quality standards for approved classification and the area is correctly classified.

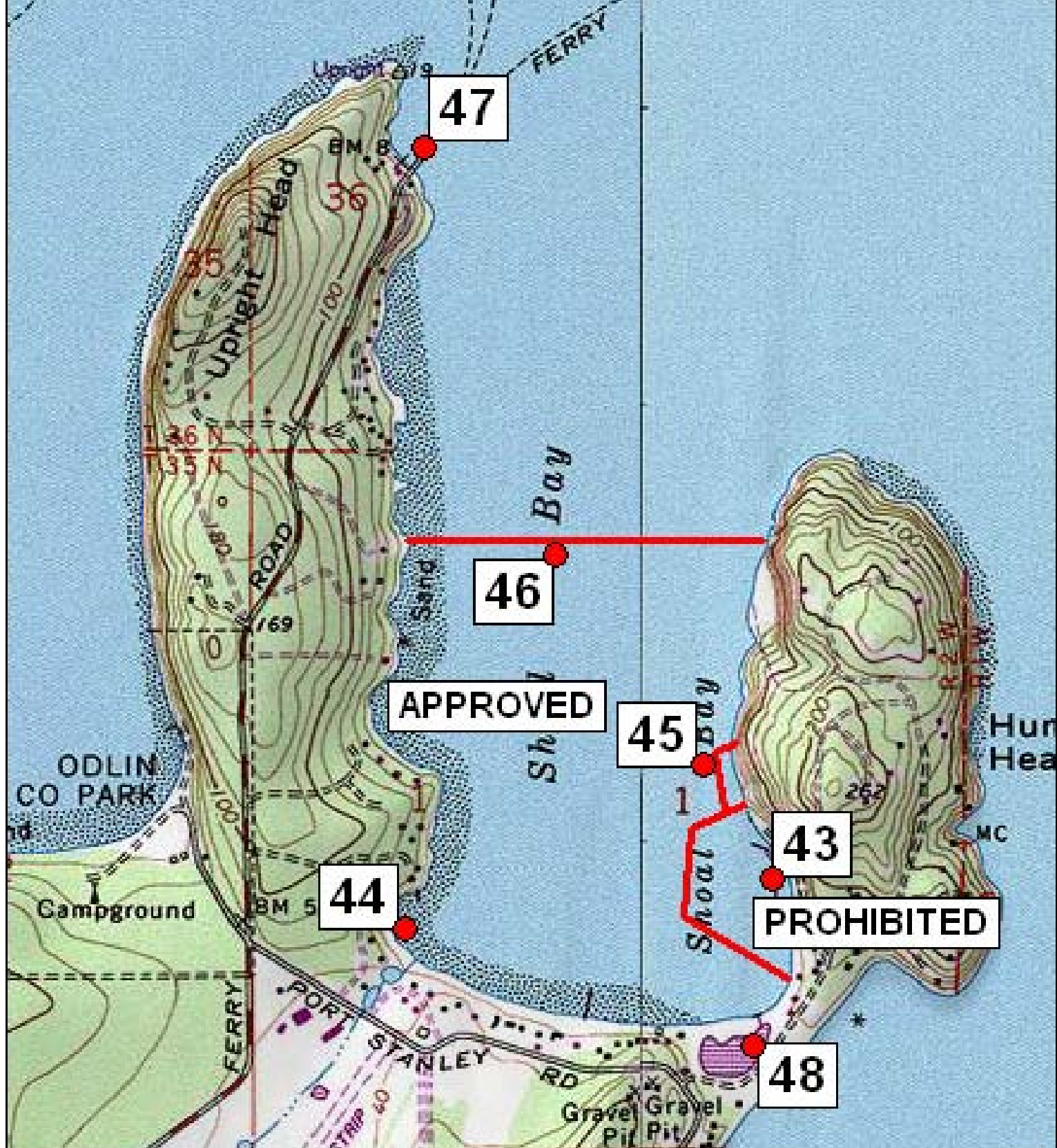
**TABLE 1****SUMMARY OF MARINE WATER DATA (SRS)**Growing Area: **SHOAL BAY**Classification: **Approved,Prohibited**From **02/22/2001** To **11/17/2005****FECAL COLIFORM ORGANISMS/100 ML**

<b>Station Number</b>	<b>Classification</b>	<b>Number of Samples</b>	<b>Range</b>	<b>Geometric Mean</b>	<b>% Samples &gt; 43</b>	<b>Meets Std.</b>
<b>44</b>	<b>Approved</b>	<b>30</b>	<b>1.7 - 79.0</b>	<b>2.1</b>	<b>3.3</b>	<b>Yes</b>
<b>45</b>	<b>Approved</b>	<b>30</b>	<b>1.7 - 6.8</b>	<b>1.8</b>	<b>0.0</b>	<b>Yes</b>
<b>46</b>	<b>Approved</b>	<b>30</b>	<b>1.7 - 2.0</b>	<b>1.7</b>	<b>0.0</b>	<b>Yes</b>
<b>47</b>	<b>Approved</b>	<b>30</b>	<b>1.7 - 2.0</b>	<b>1.7</b>	<b>0.0</b>	<b>Yes</b>
<b>48</b>	<b>Approved</b>	<b>30</b>	<b>1.7 - 49.0</b>	<b>3.0</b>	<b>3.3</b>	<b>Yes</b>
<b>43</b>	<b>Prohibited</b>	<b>30</b>	<b>1.7 - 13.0</b>	<b>2.1</b>	<b>0.0</b>	<b>Yes</b>

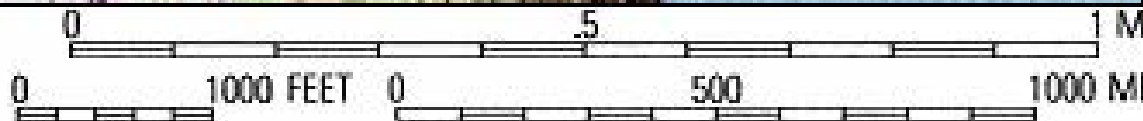
All tides information is presented

The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/100ml with not more than 10 percent greater than 43 organisms/100ml. The above table shows bacteriological results in relation to program standards.

# SHOAL BAY



TN  $\nearrow$  MN  
18 $\frac{1}{2}$ °



Map created with TOPO!® ©2002 National Geographic ([www.nationalgeographic.com](http://www.nationalgeographic.com))